

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0049770

PIN #: 1628030884

OP DATE: 03/20/2014

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☒ II
☐ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☒ A
☐ B
☐ C
☐ D
☐ E
☐ F
☐ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☒ | ☐ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

01215

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ 26 in. or less
☒ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: **D049770** STATUS: **A** APP. DATE: **09/04/2013** BLDG. PERMIT#: **0140651**
 PIN: **1628 03 0884 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#:
 TOWNSHIP: **15 PANTHER BRANCH** JURISDICTION: **WC** ZONING: **R30** SW DEVICE: **N S#:**
 APPLICANT: **STARCRAFT BUILDERS INC** (919) 369 - 1228
728 PINEY GROVE WILBON HOLLY SPRING, NC 27540
 USE: **HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
 SITE: **ADDRESS: 5236 HARTFELT DR**
SUBDIVISION: TURNER FARMS LOT: 311 ACRES: 0.90 EASEMENT: N LOC: SYS:
 DIRECTION: **50 SOUTH L GOLDEN GRAIN R ROLLING FIELD R HARTFELT**

Well System: WATER: COMMUNITY - TYPE:

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
 WELL CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
 WELLHEAD APPROVED ☐ DATE _____ EHS _____
 SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS: COMMUNITY WATER

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
 INSTALLED BY: Thornton's Plumbing INSTALLATION APPROVED BY: Sam C. Howard
 PROPRIETARY SYSTEM: EFLOW TYPE SYSTEM: III G
 COMMENTS: _____
 OPERATIONS PERMIT ISSUED? X OP DATE: 3/20/14 BY: Sam C. Howard

Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental Services to conduct periodic inspections on this type system, pursuant to 15A NCAC 18A .1961 (j). In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

Rod Byble Filter

As Built Information:

Date: 3/20/14 Benchmark: TST Rod reading: 2'5" Distance to Structure: 10 1/2'
 ST: 1200 gals ID#: MCP STB 529 D.O.M.: 1/20/14 Elev.: 2'5" Distance to Well: _____
 PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: _____
 GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
 D-box/FD/PM elev.: 4' 1 1/2" Supply Line: ~34' ft. Pump/Ctrl Panel: _____ Filter: _____
 Line 1: 6'4" _____ Date: _____ Line 6: _____ Date: _____
 Line 2: 6'11 1/2" _____ Date: _____ Line 7: _____ Date: _____
 Line 3: 7'7 1/2" _____ Date: _____ Line 8: _____ Date: _____
 Line 4: _____ Date: _____ Line 9: _____ Date: _____
 Line 5: _____ Date: _____ Line 10: _____ Date: _____
 ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
 Notes: _____

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LTAR: **0.30 0.30** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0** FOUNDATION DRAIN: **Y**
SITE: ADDRESS: **5236 HARTFELT DR**
SUBDIVISION: **TURNER FARMS** LOT: **311** ACRES: **0.90** EASEMENT: **N** LOC: **SYS:**
DIRECTION: **50 SOUTH L GOLDEN GRAIN R ROLLING FIELD R HARTFELT**

IMPROVEMENT PERMIT

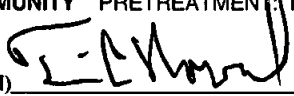
As per GS 130A-335 (f), Improvement Permit is based on a Site Plan and is void Sixty (60) months from date of issuance: ☐

As per GS 130A-335 (f), Improvement Permit is based on a Plat and is valid without expiration: ☒

Permit is subject to revocation if the site plan or plat, whichever is applicable, or the intended use changes.

TANK SIZE: **1000** gal. PUMP Tank: gal. GREASE TRAP: gal. SQ FT: **900** INNOVATIVE MAX DEPTH LINE: **28** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III G** PUMP: **N** P/M: **N** LP: **TD:**
DAILY FLOW: **360** gal/day WATER: **COMMUNITY** PRETREATMENT: **NA** FILL: **DAF:** DEEP: **REDUCE35%:**

COMMENTS:

IP ISSUED? **Y** DATE: **09/17/2013** BY: (TAH)  PHONE#: **(919)-369-5974**

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

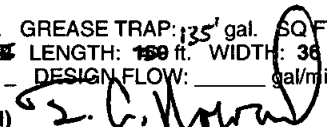
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation.

OTHER CONDITIONS: SYSTEM DESIGNED AS AN ACCEPTED STATUS SYSTEM WITH A 25% REDUCTION TAKEN IN DRAINLINE LENGTH. THERE WILL BE A 1000 GALLON SEPTIC TANK THAT WILL GRAVITY FEED ADISTRIBUTION BOX AND 3-135'X 3' INNOVATIVE DRAINLINES. THE MAXIMUM TRENCH DEPTH IS 28". REPAIR IS ABOVE 5-80'X 3' INNOVATIVE LINES. THERE SHALL BE NO GRADING OR FILLING OF SOIL MATERIAL WITHIN THE INTIAL OR REPAIR AREAS. PLEASE CALL WITH QUESTIONS, CHANGES, OR CONCERNS PRIOR TO INSTALLING. TAH 919-369-5974

TANK SIZE: **1000** gal. PUMP TANK: gal. GREASE TRAP: **135'** gal. SQ FT: **900** INNOVATIVE MAX DEPTH LINE: **28** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **3** LENGTH: **150** ft. WIDTH: **36** in. DESIGNER:
SUBFIELDS: DESIGN HEAD PRESSURE: DESIGN FLOW: gal/min DOSE VOLUME: gal. PRETREATMENT: **NA**

CA ISSUED? **Y** DATE: **12/09/2013** BY: (TAH)  PHONE#: **(919)-369-5974**

PRELIMINARY PLOT PLAN:
STARCRAFT BUILDERS, LLC

LOT 311, TURNER FARMS SECT. 4, PH. 9 & 10
B.M. 2007, PG. 2883
PANTHER BRANCH TOWNSHIP
WAKE COUNTY, NORTH CAROLINA
ADDRESS: 5236 HARTFELT DRIVE

AS BUILT

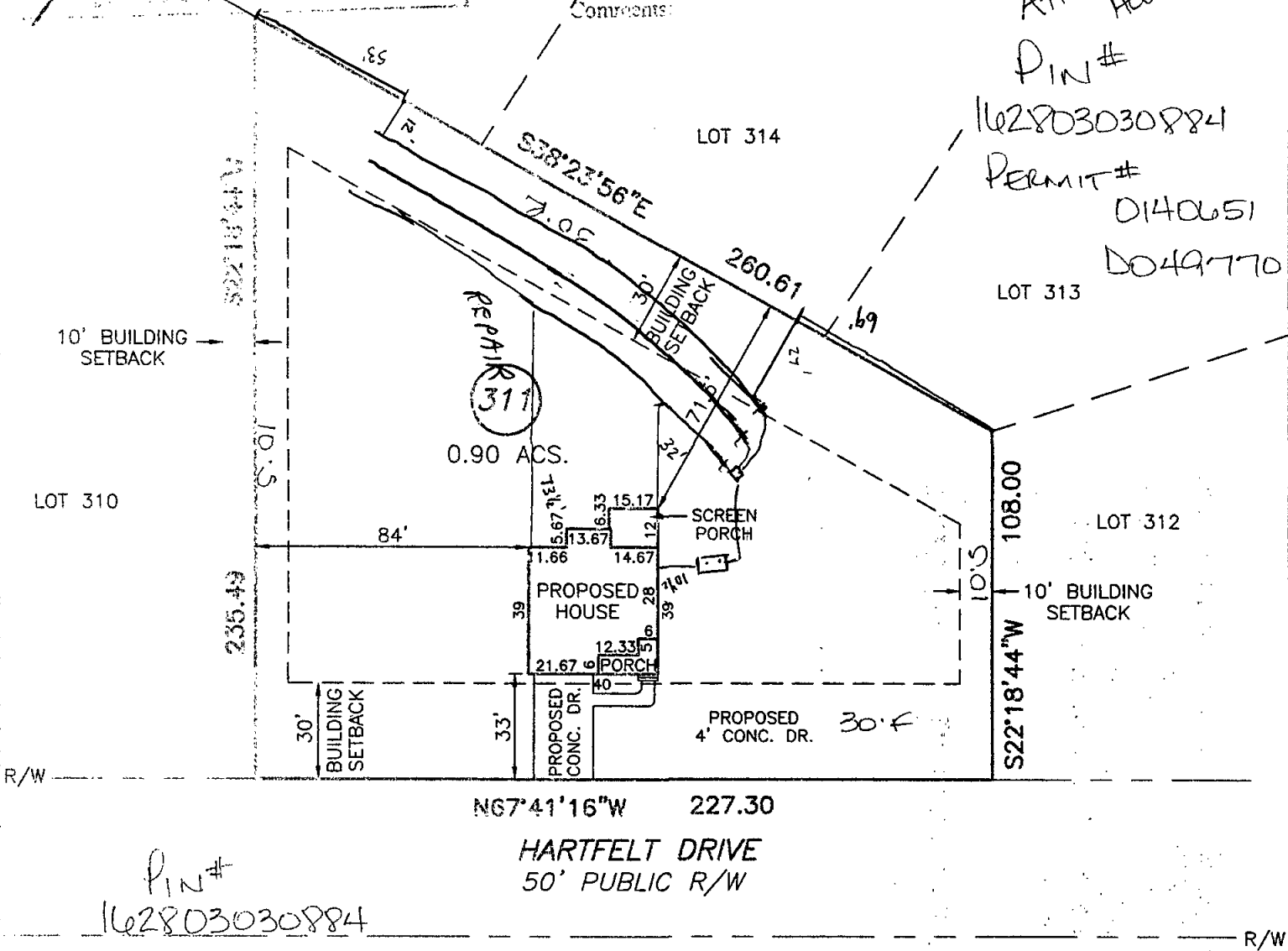
N.C. GRID NORTH (NAD 83/1986)
(B.M. 2007, PG. 2883)

Any person locating structure(s) on this lot must understand failure to locate structure(s) with this plot plan may result in a structure(s) regardless of its location, from permission to occupy the right of entry to the property. This property is not to be used for any other purpose.

Zoning R30 By DLH
Approve / Date 11-26-13
Revise / Use 101A
Reject / MBL /
Front 30 Rear 30
Side 10 Corner /
Comments:

REVISED
ATTN: TRAVIS HOWARD

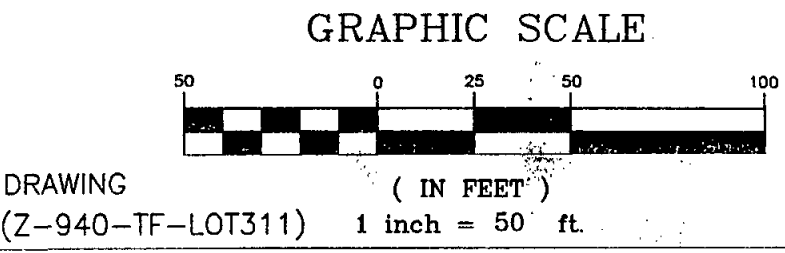
PIN#
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Permit#
0140651
D049770



PROPOSED IMPERVIOUS SURFACE AREAS	
FOUNDATION/ C. PORCH	1,817 s.f.
CONCRETE DRIVEWAY	605 s.f.
CONCRETE WALK	104 s.f.
IMPERVIOUS	2,562 s.f.
TOTAL IMPERVIOUS ALLOWED = 5,148 s.f.	

STEWART-PROCTOR
ENGINEERING and SURVEYING
319 CHAPANOKE ROAD SUITE 106
RALEIGH, NC 27603
TEL. 919 779-1855 FAX 919 779-1661

DATE	11/26/13	SURVEYED
SCALE	1"=50'	DRAWN



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CA

Revision 3 → 4 Bdrn

Initial

- 1200 Gallon S.T.
- 3-135'x3' Innovative Drains
- 28" Max Trench Depth

N.C. GRID NORTH (NAD 83/1986)
(B.M. 2007, PG. 2883)

Repair

10 B PM

5-80'x3'

Zoning R30 By DLH
Approve / Date 11-26-13
Revise / Use 101A
Reject / MBL
Front 30 Rear 30
Side 10 Corner /
Comments:

REVISED
ATTN: TRAVIS
HOWARD

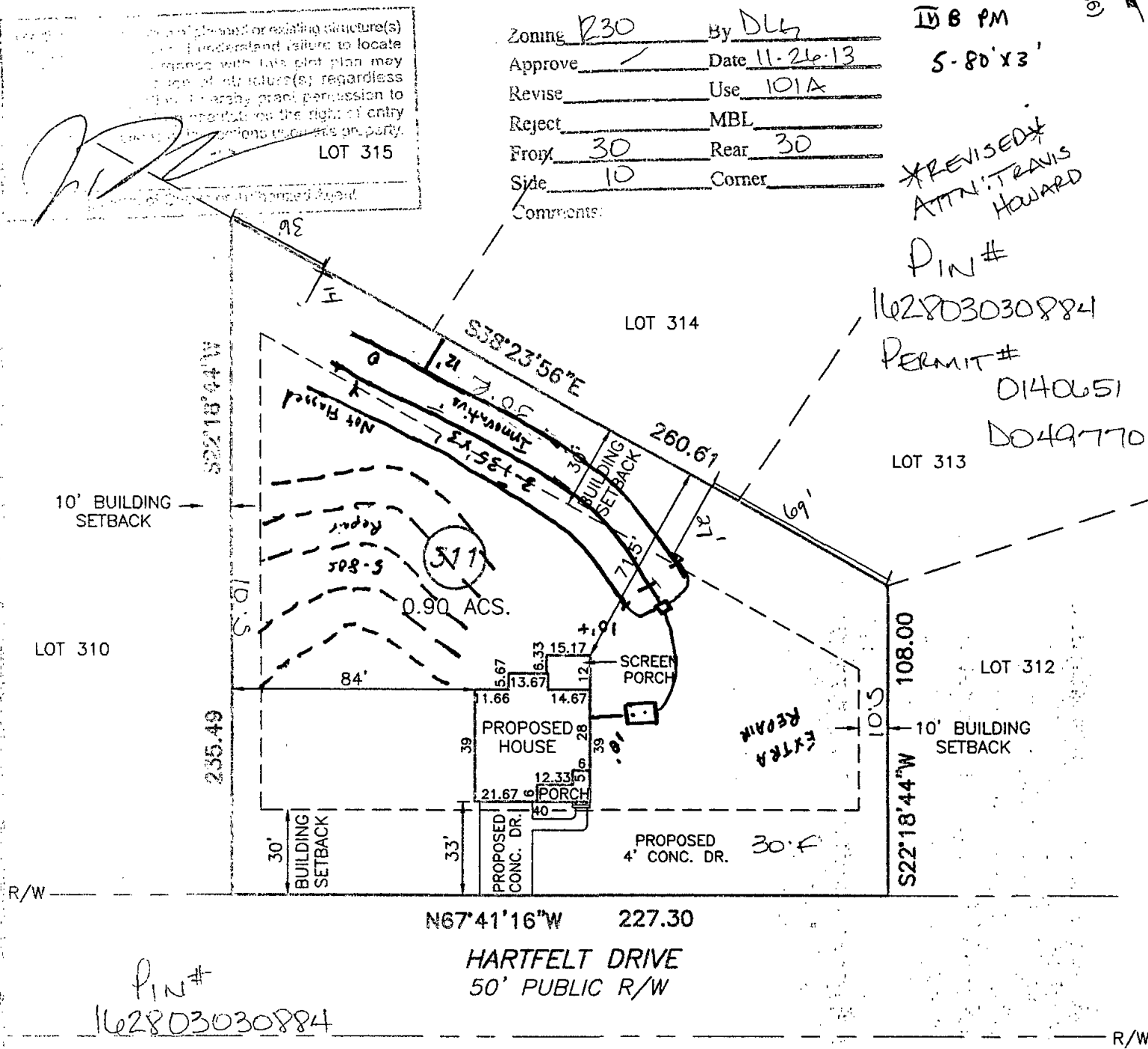
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Permit#

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D049770



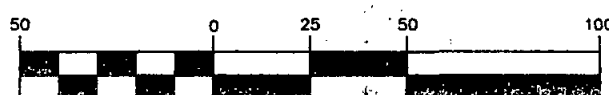
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DATE 11/26/13 SURVEYED
SCALE 1"=50' DRAWN

GRAPHIC SCALE



DRAWING (Z-940-TF-LOT311) (IN FEET)
1 inch = 50 ft.